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WHAT IS CLAIMED IS:

- 1. An implantable cardioverter-defibrillator for subcutaneous positioning between the third rib and the twelfth rib within a patient, the implantable cardioverter-defibrillator comprising:
- a housing, wherein the housing comprises a proximal end having a width and a distal end having a width and wherein the width of the distal end is less than the width of the proximal end;

an electrical circuit located within the housing; and an electrode electrically coupled to the electrical circuit and located on the housing.

- 2. The implantable cardioverter-defibrillator of claim 1, wherein at least a portion of the distal end of the housing is rounded.
- 3. The implantable cardioverter-defibrillator of claim 1, wherein at least a portion of the proximal end of the housing is substantially square.

- 4. The implantable cardioverter-defibrillator of claim 1, wherein at least a portion of the proximal end of the housing is rounded.
- 5. The implantable cardioverter-defibrillator of claim 1, wherein the width of the proximal end of the housing is approximately 1 centimeter to approximately 10 centimeters wide.
 - 6. The implantable cardioverter-defibrillator of claim 1, wherein the width of the proximal end of the housing is approximately 2 centimeters to approximately 5 centimeters wide.
 - 7. The implantable cardioverter-defibrillator of claim 1, wherein the width of the distal end of the housing is approximately 1 centimeter to approximately 10 centimeters wide.
 - 8. The implantable cardioverter-defibrillator of claim 1, wherein the width of the distal end of the housing is approximately 2 centimeters to approximately 5 centimeters wide.
 - 9. The implantable cardioverter-defibrillator of claim 1, wherein the proximal end of the housing further comprises a

depth, wherein the depth of the proximal end of the housing is less than approximately 15 millimeters.

- 10. The implantable cardioverter-defibrillator of claim 1, wherein the distal end of the housing further comprises a depth, wherein the depth of the distal end of the housing is approximately 1 millimeter to approximately 15 millimeters.
 - 11. The implantable cardioverter-defibrillator of claim 1, wherein the distal end of the housing further comprises a depth, wherein the depth of the distal end of the housing is approximately 1 millimeters to approximately 3 millimeters.
 - 12. The implantable cardioverter-defibrillator of claim 1, wherein the housing further comprises a length, wherein the length of the housing is approximately 3 centimeters to approximately 30 centimeters long.
- 13. The implantable cardioverter-defibrillator of claim 1,
 20 wherein the housing further comprises a length, wherein the
 length of the housing is approximately 5 centimeters to
 approximately 20 centimeters long.

- 14. The implantable cardioverter-defibrillator of claim 1, wherein the housing is substantially bilaterally symmetrical along the housing's length.
- 15. The implantable cardioverter-defibrillator of claim 1, wherein the proximal end of the housing is hinged to the distal end of the housing.
- 16. The implantable cardioverter-defibrillator of claim 1, wherein the proximal end of the housing is contiguous with the distal end of the housing.
- 17. The implantable cardioverter-defibrillator of claim 1, wherein at least a portion of the housing comprises an electrically insulated material.
- 18. The implantable cardioverter-defibrillator of claim 1, wherein at least a portion of the housing comprises an electrically nonconductive material.

- 19. The implantable cardioverter-defibrillator of claim 1, wherein the housing comprises a ceramic material.
- 20. The implantable cardioverter-defibrillator of claim 1, 5 wherein the housing comprises a titanium alloy.
 - 21. The implantable cardioverter-defibrillator of claim 1, wherein the housing comprises a polymeric material.
 - 22. The implantable cardioverter-defibrillator of claim 21, wherein the polymeric material is selected from the group consisting essentially of a polyurethane, a polyamide, a polyetheretherketone (PEEK), a polyether block amide (PEBA), a polytetrafluoroethylene (PTFE), a silicone, and mixtures thereof.
 - 23. The implanatble cardioverter-defibrillator of claim 1, wherein at least a portion of the housing is substantially non planar.

- 24. The implantable cardioverter-defibrillator of claim 1, wherein at least a portion of the housing is substantially planar.
- 5 25. The implantable cardioverter-defibrillator of claim 1, wherein the electrical circuit can provide cardioversion-defibrillation for the patient's heart.
 - 26. The implantable cardioverter-defibrillator of claim 25 wherein the electrical circuit can further provide multiphasic waveform cardiac pacing for the patient's heart.
 - 27. The implantable cardioverter-defibrillator of claim 1, wherein the electrical circuit can provide multiphasic waveform cardiac pacing for the patient's heart.
 - 28. The implantable cardioverter-defibrillator of claim 27, wherein the electrical circuit can provide biphasic waveform cardiac pacing for the patient's heart.

- 29. The implantable cardioverter-defibrillator of claim 27, wherein the electrical circuit can provide triphasic waveform cardiac pacing for the patient's heart.
- 30. The implantable cardioverter-defibrillator of claim 27, wherein the electrical circuit can further provide monophasic waveform cardiac pacing for the patient's heart.
 - 31. The implantable cardioverter-defibrillator of claim 1, wherein the electrode can emit an energy for shocking the patient's heart.
 - 32. The implantable cardioverter-defibrillator of claim 31, wherein the energy for shocking the patient's heart is approximately 50 joules to approximately 75 joules.
 - 33. The implantable cardioverter-defibrillator of claim 31, wherein the energy for shocking the patient's heart is approximately 75 joules to approximately 100 joules.

- 34. The implantable cardioverter-defibrillator of claim 31, wherein the energy for shocking the patient's heart is approximately 100 joules to approximately 125 joules.
- 35. The implantable cardioverter-defibrillator of claim 31, wherein the energy for shocking the patient's heart is approximately 125 joules to approximately 150 joules.
 - 36. The implantable cardioverter-defibrillator of claim 35, wherein the energy for shocking the patient's heart is approximately 150 J.
 - 37. The implantable cardioverter-defibrillator of claim 31, wherein the electrode can receive sensory information.
 - 38. The implantable cardioverter-defibrillator of claim 1, wherein the electrode can receive sensory information.
- 39. The implantable cardioverter-defibrillator of claim 1,
 20 wherein at least a portion of the electrode is non-planar.

- 40. The implantable cardioverter-defibrillator of claim 1, wherein the electrode is substantially circular in shape.
- 41. The implantable cardioverter-defibrillator of claim 1, wherein the electrode is substantially ellipsoidal in shape.
 - 42. The implantable cardioverter-defibrillator of claim 1, wherein the electrode is substantially square in shape.
 - 43. The implantable cardioverter-defibrillator of claim 1, wherein the electrode is substantially rectangular in shape.
 - 44. The implantable cardioverter-defibrillator of claim 1, wherein the electrode is substantially triangular in shape.
 - 45. The implantable cardioverter-defibrillator of claim 1, wherein the electrode is substantially thumbnail shaped.
- 46. The implantable cardioverter-defibrillator of claim 1, 20 wherein the electrode is substantially spade shaped.

- 47. The implantable cardioverter-defibrillator of claim 1, wherein the housing further comprises a connection port electrically coupled to the electrical circuit.
- 5 48. The implantable cardioverter-defibrillator of claim 47, wherein the connection port is coupled to a lead.
 - 49. The implantable cardioverter-defibrillator of claim 48, wherein the lead is a pacing lead.
 - 50. The implantable cardioverter-defibrillator of claim 48, wherein the lead is a shocking lead.
 - 51. The implantable cardioverter-defibrillator of claim 48, wherein the lead is a sensory lead.
 - 52. A duckbill-shaped implantable cardioverter-defibrillator comprising:
- a main housing member having a length, a width and a depth;

 a distal housing member extending proximally from the main

 housing member, wherein the distal housing member has a length,

 a width and a depth;

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an electrical circuit located within the main housing member; and

an electrode electrically coupled to the electrical circuit and located on the distal housing member.

- 53. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the length of the duckbill-shaped implantable cardioverter-defibrillator is approximately 5 centimeters to approximately 20 centimeters long.
- 54. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the length of the duckbill-shaped implantable cardioverter-defibrillator is less than 30 centimeters long.
- 55. The duckbill-shaped implantable cardioverterdefibrillator of claim 52, wherein the duckbill-shaped implantable cardioverter-defibrillator is substantially bilaterally symmetrical along the cardioverter-defibrillator's length.

- 56. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the proximal housing member is in fluid communication with the main housing member.
- 5 57. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the proximal housing member is contiguous with the main housing member.
 - 58. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the distal housing member is hinged to the main housing member.
 - 59. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the distal housing member further includes a distal end, wherein at least a portion of the distal end of the distal housing member is curved.
- 60. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the main housing member further includes a proximal end, wherein at least a portion of the proximal end of the main housing member is substantially square.

- 61. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the main housing member further includes a proximal end, wherein at least a portion of the proximal end of the main housing member is rounded.
- 62. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the width of the main housing member is approximately 3 centimeters to approximately 30 centimeters wide.
- 63. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the main housing member is approximately 3 centimeters to approximately 20 centimeters wide.
- 64. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the distal housing member further comprises a shoulder region, wherein the shoulder region extends distally from the main housing member.

- 65. The duckbill-shaped implantable cardioverter-defibrillator of claim 64, wherein the shoulder region of the distal housing member has a width that is less than the width of the main housing member.
- 66. The duckk
 - 66. The duckbill-shaped implantable cardioverter-defibrillator of claim 65, wherein at least a portion of the width of the shoulder region decreases as the shoulder region extends distally from the main housing member.
 - 67. The duckbill-shaped implantable cardioverter-defibrillator of claim 66, wherein the width of the shoulder region decreases proportionally as the shoulder region extends distally from the main housing member.
 - 68. The duckbill-shaped implantable cardioverter-defibrillator of claim 64, wherein the distal housing member further comprises a distal head, wherein the distal head extends distally from the shoulder region and defines a distal end of the distal housing member.

- 69. The duckbill-shaped implantable cardioverter-defibrillator of claim 68, wherein the distal head of the distal housing member has a width that is less than the width of the shoulder region of the distal housing member.
- 70. The duckbill-shaped implantable cardioverter-defibrillator of claim 68, wherein the distal head of the distal housing member has a width that is greater than the width of the shoulder region of the distal housing member.
- 71. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the depth of the distal housing member is less than the depth of the main housing member.
- 72. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the depth of the distal housing member is less than approximately 15 millimeters.
- 73. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the depth of the main housing

member is approximately 1 millimeter to approximately 15 millimeters.

- 74. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the depth of the main housing member is approximately 1 millimeter to approximately 10 millimeters.
 - 75. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein at least a portion of the distal housing member is substantially non-planar.
 - 76. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein at least a portion of the main housing member is substantially planar.
 - 77. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein at least a portion of the main housing member is substantially non-planar.

- 78. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the distal housing member is bilaterally symmetrical along its length.
- 79. The duckbill-shaped implantable cardioverterdefibrillator of claim 52, wherein at least a portion of the distal housing member comprises an electrically insulated material.
 - 80. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein at least a portion of the distal housing member comprises an electrically nonconductive material.
 - 81. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the main housing member comprises a ceramic material.
- 82. The duckbill-shaped implantable cardioverter20 defibrillator of claim 52, wherein the main housing member comprises a titanium alloy.

- 83. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the main housing member comprises a stainless steel alloy.
- 5 84. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the main housing member comprises a polymeric material.
 - 85. The duckbill-shaped implantable cardioverter-defibrillator of claim 84, wherein the polymeric material is selected from the group consisting essentially of a polyurethane, a polyamide, a polyetheretherketone (PEEK), a polyether block amide (PEBA), a polytetrafluoroethylene (PTFE), a silicone, and mixtures thereof.
 - 86. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrical circuit can provide cardioversion-defibrillation for the patient's heart.
- 20 87. The duckbill-shaped implantable cardioverterdefibrillator of claim 86, wherein the electrical circuit can

provide multiphasic waveform cardiac pacing for the patient's heart.

- 88. The duckbill-shaped implantable cardioverter5 defibrillator of claim 52, wherein the electrical circuit can
 provide multiphasic waveform cardiac pacing for the patient's
 heart.
 - 89. The duckbill-shaped implantable cardioverter-defibrillator of claim 88, wherein the electrical circuit can provide biphasic waveform cardiac pacing for the patient's heart.
 - 90. The duckbill-shaped implantable cardioverter-defibrillator of claim 88, wherein the electrical circuit can provide triphasic waveform cardiac pacing for the patient's heart.
- 91. The duckbill-shaped implantable cardioverter20 defibrillator of claim 52, wherein the electric circuit can
 provide monophasic waveform cardiac pacing for the patient's
 heart.

- 92. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode can emit an energy for shocking the patient's heart.
- 93. The duckbill-shaped implantable cardioverter-defibrillator of claim 92, wherein the energy for shocking the patient's heart is approximately 50 joules to approximately 75 joules.
- 94. The duckbill-shaped implantable cardioverter-defibrillator of claim 92, wherein the energy for shocking the patient's heart is approximately 75 joules to approximately 100 joules.
- 95. The duckbill-shaped implantable cardioverter-defibrillator of claim 92, wherein the energy for shocking the patient's heart is approximately 100 joules to approximately 125 joules.
- 96. The duckbill-shaped implantable cardioverter-defibrillator of claim 92, wherein the energy for shocking the

patient's heart is approximately 125 joules to approximately 150 joules.

- 97. The duckbill-shaped implantable cardioverter-5 defibrillator of claim 96, wherein the energy for shocking the patient's heart is approximately 150 J.
 - 98. The duckbill-shaped implantable cardioverter-defibrillator of claim 92, wherein the electrode can receive sensory information.
 - 99. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode can receive sensory information.
 - 100. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein at least a portion of the electrode is non-planar.
- 101. The duckbill-shaped implantable cardioverter20 defibrillator of claim 52, wherein the electrode is substantially circular in shape.

- 102. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode is substantially ellipsoidal in shape.
- 5 103. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode is substantially square in shape.
 - 104. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode is substantially rectangular in shape.
 - 105. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode is substantially triangular in shape.
 - 106. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode is substantially thumbnail shaped.

- 107. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the electrode is substantially spade shaped.
- of 108. The duckbill-shaped implantable cardioverter-defibrillator of claim 52, wherein the main housing member further comprises a connection port that electrically couples to the electrical circuit.
 - 109. The duckbill-shaped implantable cardioverter-defibrillator of claim 108, wherein the connection port is coupled to a lead.
 - 110. The duckbill-shaped implantable cardioverter-defibrillator of claim 109, wherein the lead is a pacing lead.
 - 111. The duckbill-shaped implantable cardioverter-defibrillator of claim 109, wherein the lead is a shocking lead.
- 20 112. The duckbill-shaped implantable cardioverterdefibrillator of claim 109, wherein the lead is a sensory lead.

113. A method of inserting an implantable cardioverter-defibrillator within a patient, the method comprising the steps of:

providing a duckbill-shaped cardioverter-defibrillator comprising a housing, an electrical circuit located within the housing, and an electrode located on the housing, wherein the duckbill-shaped cardioverter-defibrillator is configured to maintain the electrode in a predetermined relationship subcutaneously over a patient's ribcage;

making a single incision on a patient's thorax; and advancing the duckbill-shaped cardioverter-defibrillator through the single incision and subcutaneously over a patient's ribcage.

- 114. The method of claim 113, wherein the housing comprises a proximal end having a width and a distal end having a width and wherein the width of the distal end is less than the width of the proximal end.
- 20 115. The method of claim 114, wherein at least a portion of the distal end of the housing is rounded.

- 116. The method of claim 114, wherein at least a portion of the proximal end of the housing is substantially square.
- 117. The method of claim 114, wherein at least a portion of the proximal end of the housing is rounded.
 - 118. The method of claim 114, wherein the width of the proximal end of the housing is approximately 1 centimeter to approximately 10 centimeters wide.
 - 119. The method of claim 114, wherein the width of the proximal end of the housing is approximately 2 centimeters to approximately 5 centimeters wide.
 - 120. The method of claim 114, wherein the width of the distal end of the housing is approximately 1 centimeter to approximately 10 centimeters wide.
- 121. The method of claim 114, wherein the width of the
 20 distal end of the housing is approximately 2 centimeters to
 approximately 5 centimeters wide.

122. The method of claim 114, wherein the proximal end of the housing further comprises a depth, wherein the depth of the proximal end of the housing is less than approximately 15 millimeters.

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- 123. The method of claim 114, wherein the distal end of the housing further comprises a depth, wherein the depth of the distal end of the housing is approximately 1 millimeter to approximately 15 millimeters.
- 124. The method of claim 114, wherein the distal end of the housing further comprises a depth, wherein the depth of the distal end of the housing is approximately 1 millimeter to approximately 3 millimeters.
- 125. The method of claim 113, wherein the housing further comprises a length, wherein the length of the housing is approximately 3 centimeters to approximately 30 centimeters long.

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126. The method of claim 113, wherein the housing further comprises a length, wherein the length of the housing is

approximately 5 centimeters to approximately 20 centimeters long.

- 127. The method of claim 113, wherein the housing is substantially bilaterally symmetrical along the housing's length.
 - 128. The method of claim 114, wherein the proximal end of the housing is contiguous with the distal end of the housing.
 - 129. The method of claim 113, wherein at least a portion of the housing comprises an electrically insulated material.
 - 130. The method of claim 113, wherein at least a portion of the housing comprises an electrically nonconductive material.
 - 131. The method of claim 113, wherein the housing is substantially non planar.
- 20 132. The method of claim 113, wherein the housing is substantially planar.

- 133. The method of claim 133, wherein the electrical circuit can provide cardioversion-defibrillation for the patient's heart.
- 134. The method of claim 133, wherein the electrical circuit can further provide multiphasic waveform cardiac pacing for the patient's heart.
 - 135. The method of claim 113, wherein the electrical circuit can provide multiphasic waveform cardiac pacing for the patient's heart.
 - 136. The method of claim 135, wherein the electrical circuit can provide biphasic waveform cardiac pacing for the patient's heart.
 - 137. The method of claim 135, wherein the electrical circuit can provide triphasic waveform cardiac pacing for the patient's heart.

- 138. The method of claim 113, wherein the electrical circuit can provide monophasic waveform cardiac pacing for the patient's heart.
- 5 139. The method of claim 113, wherein the electrode can emit an energy for shocking the patient's heart.
 - 140. The method of claim 139, wherein the electrode can receive sensory information.
 - 141. The method of claim 113, wherein the electrode can receive sensory information.
 - 142. The method of claim 113, wherein at least a portion of the electrode is non-planar.
 - 143. The method of claim 113, wherein the single incision is made approximately at the level of the cardiac apex.
- 20 144. The method of claim 113, wherein the single incision is made approximately in the left anterior axillary line.

- 145. The method of claim 113, wherein the duckbill-shaped cardioverter-defibrillator is advanced proximate the patient's heart.
- 146. The method of claim 113, wherein the duckbill-shaped cardioverter-defibrillator is advanced medially toward approximately a patient's left inframmary crease.
 - 147. The method of claim 113, wherein the duckbill-shaped cardioverter-defibrillator is advanced proximate a patient's sternum.
 - 148. The method of claim 113, wherein the duckbill-shaped cardioverter-defibrillator is advanced approximately between a patient's third and a patient's twelfth rib.
 - 149. The method of claim 113, wherein the duckbill-shaped cardioverter-defibrillator refrains from directly contacting the patient's heart.

150. The method of claim 113, wherein the duckbill-shaped cardioverter-defibrillator refrains from directly contacting the patient's intrathoracic vessels.